



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 112411

TO: Kevin Weddington
Location: CM1/2A17/2D01
Art Unit: 1614
Tuesday, January 20, 2004

Case Serial Number: 10/016726

From: Edward Hart
Location: Biotech-Chem Library
CM1-6B02
Phone: 305-9203

edward.hart@uspto.gov

Search Notes

Examiner Weddington,

Here are the results of the search you requested.

Please feel free to contact me if you have any questions.

Edward Hart

SEARCH REQUEST FORM

112411

Requestor's

Name: X. Weddington #68082

Serial

Number: 10/016,726

Date: 1-19-04

Phone: 308-4650

Art Unit: 1614

Search Topic:

Please write a detailed statement of search topic. Describe specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples or relevant citations, authors, keywords, etc., if known. For sequences, please attach a copy of the sequence. You may include a copy of the broadest and/or most relevant claim(s).

A composition comprising

- 1) perillyl aldehyde
- 2) one inactive ingredient

The inactive ingredient is selected from

hexadecanol
octadecanol
propanediol

9/1/03 1/2

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Date completed: 1/20/04

Search Site

Searcher:

STIC

Terminal time:

CM-1

Elapsed time:

Pre-S

CPU time:

Type of Search

Total time:

N.A. Sequence

Number of Searches:

A.A. Sequence

Number of Databases:

Structure

Bibliographic

Vendors

IG

STN

Dialog

APS

Geninfo

SDC

DARC/Questel

Other

Weddington - 10 / 016726

=> file hcaplus
FILE 'HCAPLUS' ENTERED AT 15:03:46 ON 20 JAN 2004
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FILE COVERS 1907 - 20 Jan 2004 VOL 140 ISS 4
FILE LAST UPDATED: 19 Jan 2004 (20040119/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d stat que
L1 1 SEA FILE=REGISTRY ABB=ON PLU=ON "PERILLYL ALDEHYDE"/CN
L2 3 SEA FILE=REGISTRY ABB=ON PLU=ON HEXADECANOL/CN
L5 644 SEA FILE=HCAPLUS ABB=ON PLU=ON L1
L6 7222 SEA FILE=HCAPLUS ABB=ON PLU=ON L2
L9 11 SEA FILE=HCAPLUS ABB=ON PLU=ON L5 AND (HEXADECANOL OR OCTADECANOL OR PROPANEDIOL)
L10 10 SEA FILE=HCAPLUS ABB=ON PLU=ON L5 AND L6
L13 9 SEA FILE=HCAPLUS ABB=ON PLU=ON L9 AND L10

=> d ibib abs hitrn 113 tot

L13 ANSWER 1 OF 9 HCAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2002:591669 HCAPLUS
DOCUMENT NUMBER: 137:154384
TITLE: Symbiotic regenerative compositions containing microorganisms
INVENTOR(S): Schuer, Joerg-Peter
PATENT ASSIGNEE(S): Germany
SOURCE: Eur. Pat. Appl., 25 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1228769	A1	20020807	EP 2001-102384	20010202
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
WO 2002067986	A2	20020906	WO 2002-EP1056	20020201
WO 2002067986	A3	20031211		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,				

TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: EP 2001-102384 A 20010202

AB The invention concerns regenerative drugs, dietary supplements, feed additives that contain microorganisms and modulating substances, e.g. enzymes, GRAS (Generally Recognized As Safe) aromas, plant exts. Further the compns. contain vitamins, minerals, growth promoters, carrier substances, etc. Microorganisms are a-pathogenic, pathogenic or facultative pathogenic,.

IT 2111-75-3, Perillaaldehyde 36653-82-4, 1-
 Hexadecanol

RL: FFD (Food or feed use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(symbiotic regenerative compns. containing microorganisms)

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 2 OF 9 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:368343 HCAPLUS

DOCUMENT NUMBER: 136:374859

TITLE: Synergistic antimicrobial agents containing aromatic agents and having an antagonistic, regenerative and/or protagonist decontamination effect

INVENTOR(S): Schuer, Joerg P.

PATENT ASSIGNEE(S): Germany

SOURCE: PCT Int. Appl., 60 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002038181	A2	20020516	WO 2001-EP12974	20011109
WO 2002038181	A3	20030515		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1205188	A1	20020515	EP 2000-124497	20001109
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
AU 2002027913	A5	20020521	AU 2002-27913	20011109
EP 1331946	A2	20030806	EP 2001-989449	20011109
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
PRIORITY APPLN. INFO.:			EP 2000-124497	A 20001109
			WO 2001-EP12974	W 20011109

AB The invention relates to medicaments comprising a microbicidal composition consisting of at least two GRAS (Generally Recognized As Safe) aromatic agents or their derivs., and to the use of these compns. for producing decontamination and/or regenerative agents for treating humans and animals. Thus an antimicrobial composition contained (weight/weight%): anise alc.
 45; borneol 35; rhodinol 20.

IT 2111-75-3, Perillaaldehyde 36653-82-4, 1-
Hexadecanol

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(synergistic antimicrobial agents containing aromatic agents and having
antagonistic, regenerative and/or protagonist decontamination effect)

L13 ANSWER 3 OF 9 HCPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:869578 HCPLUS

DOCUMENT NUMBER: 136:324256

TITLE: Characteristic aroma components of the volatile oil of yellow keaw mango fruits determined by limited odor unit method

AUTHOR(S): Boonbumrung, Sumitra; Tamura, Hirotoshi; Mookdasanit, Juta; Nakamoto, Hideki; Ishihara, Masakazu; Yoshizawa, Takumi; Varanyanond, Warunee

CORPORATE SOURCE: Department of Biochemistry and Food Science, Kagawa University, Kagawa, 761-0795, Japan

SOURCE: Food Science and Technology Research (2001), 7(3), 200-206

CODEN: FSTRFS; ISSN: 1344-6606

PUBLISHER: Japanese Society for Food Science and Technology

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Odor detection thresholds of optically active compds. and other volatile compds. found in the oil of yellow Keaw mangoes were determined. Odor intensity of individual components was evaluated by Lod (limited odor unit) based on data of the odor detection threshold and the concentration of individual components at the recognition threshold level of the volatile oils.

β -Damascenone and terpinolene were found to have Lod values greater than one and were identified as the components most responsible for the characteristic aroma. Odor recognition threshold of a mixture of 15 chems. having larger Lod values against natural Keaw mango oils was 1.8 ppm, which exceeded that of Keaw mango oils (0.62 ppm) against Ok-rong mango oils. The mixture of 15 compds. comprising β -damascenone, terpinolene, Et hexanoate, (E,Z)-(2,6)-nonadienal, 2,5-dimethyl-4-methoxy-3(2H)-furanone, (3R)-(-)-linalool, Et butyrate, Et octanoate, ethanol, (1S)-(+)-8-3-carene, (1S,5S)-(-)- α -pinene, trans-linalool oxide, (3S)-(+)-linalool, butyric acid, and p-methylacetophenone was judged to possess an aroma very similar to that of the natural Keaw mango. Thus, these 15 compds. were the key contributors to the aroma of Keaw mango.

IT 2111-75-3, Perillaaldehyde 36653-82-4, 1

Hexadecanol

RL: ANT (Analyte); BSU (Biological study, unclassified); OCU (Occurrence, unclassified); ANST (Analytical study); BIOL (Biological study); OCCU (Occurrence)

(characteristic aroma components of volatile oil of yellow keaw mango fruits determined by limited odor unit method)

REFERENCE COUNT: 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 4 OF 9 HCPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:427824 HCPLUS

DOCUMENT NUMBER: 135:208167

TITLE: Composition of the essential oils of Tanacetum armenum (DC.) Schultz Bip., T. balsamita L., T. chiliophyllum (Fisch. & mey.) Schultz bip. var. chiliophyllum and T. haradjani (Rech. fil.) grierson and the enantiomeric distribution of camphor and carvone

AUTHOR(S): Baser, K. Husnu Can; Demirci, Betul; Tabanca, Nurhayat; Ozek, Temel; Goren, Nezhun

CORPORATE SOURCE: Medicinal and Aromatic Plant and Drug Research Centre (TBAM), Anadolu University, Eskisehir, 26470, Turk.

SOURCE: Flavour and Fragrance Journal (2001), 16(3), 195-200
 CODEN: FFJOED; ISSN: 0882-5734
 PUBLISHER: John Wiley & Sons Ltd.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB Water-distilled essential oils from herbal parts of *Tanacetum armenum* (DC.)
Schultz Bip., *T. balsamita L.*(syn. *Balsamita major*), *T. chiliophyllum*
(Fisch. & Mey.) Schultz Bip. var. *chiliophyllum* and *T. haradjanii* (Rech.
 Fil.) Grierson (endemic) (Compositae) from Turkey were analyzed by GC-MS.
 The leaf and herb oils of *T. armenum* were characterized with 1,8-cineole
 (31% and 11%) and camphor (9% and 27%), resp., as the main constituents.
 The major component characterized in the herb oil of *T. balsamita* was
 carvone (52%). Camphor (17% and 16%) was the main constituent in the oils
 of *T. chiliophyllum* var. *chiliophyllum* and *T. haradjanii*, resp. The
 enantiomeric distribution of carvone in the essential oil of *T. balsamita*
 and camphor in the essential oils of *T. armenum*, *T. chiliophyllum* var.
chiliophyllum and *T. haradjanii* were determined using a fused silica Lipodex E
 capillary column.
 IT 2111-75-3, Perillaldehyde 36653-82-4, 1-
Hexadecanol
 RL: BOC (Biological occurrence); BSU (Biological study, unclassified);
 BIOL (Biological study); OCCU (Occurrence)
 (essential oils of *Tanacetum armenum*, *T. balsamita*, *T. chiliophyllum*
chiliophyllum and *T. haradjanii* plus the enantiomeric distribution of
 camphor)
 REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 5 OF 9 HCPLUS COPYRIGHT 2004 ACS on STN
 ACCESSION NUMBER: 2001:74187 HCPLUS
 DOCUMENT NUMBER: 134:325373
 TITLE: Volatile components of essential oils of the Citrus
 genus
 AUTHOR(S): Sawamura, Masayoshi
 CORPORATE SOURCE: Department of Bioresources Science, Faculty of
 Agriculture, Kochi University, Kochi, 783-8502, Japan
 SOURCE: Recent Research Developments in Agricultural & Food
 Chemistry (2000), 4(Pt. 1), 131-164
 CODEN: RAFCFL
 PUBLISHER: Research Signpost
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB The volatile components of essential oils of the Citrus genus was
 investigated. The volatile compns. of 98 kinds of citrus fruits were
 presented here. Most citrus samples were obtained in Japan and several
 samples were from Korea, Italy and Malaysia. All the samples were
 obtained at the optimum harvest time in the ripening stage. All the
 detns. were carried out under the same method and anal. conditions to
 obtain comparable data to each other. The essential oils were prepared by
 cold pressing as native as possible. Quant. determination and identification
 were carried out with a Shimadzu gas chromatograph GC-14A and a Shimadzu
 QP-5000 GC-MS equipped with a Thermon 600T capillary column. One hundred
 and thirty-seven compds. were identified and quant. determined
 IT 2111-75-3, Perillaldehyde 36653-82-4,
Hexadecanol
 RL: ANT (Analyte); BAC (Biological activity or effector, except adverse);
 BSU (Biological study, unclassified); ANST (Analytical study); BIOL
 (Biological study)
 (of essential oils of Citrus genus)
 REFERENCE COUNT: 91 THERE ARE 91 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 6 OF 9 HCPLUS COPYRIGHT 2004 ACS on STN
 ACCESSION NUMBER: 2000:309789 HCPLUS
 DOCUMENT NUMBER: 133:71424
 TITLE: Volatile constituents in juice and oil of Australian wild lime (*Microcitrus inodora*)
 AUTHOR(S): Shaw, Philip E.; Moshonas, Manuel G.; Bowman, Kim D.
 CORPORATE SOURCE: ARS, SAA Citrus and Subtropical Products Lab, USDA, Winter Haven, FL, 33881, USA
 SOURCE: Phytochemistry (2000), 53(8), 1083-1086
 CODEN: PYTCAS; ISSN: 0031-9422
 PUBLISHER: Elsevier Science Ltd.
 DOCUMENT TYPE: Journal
 LANGUAGE: English

AB Fifty-three volatile constituents from the juice and twenty from the peel oil of *Microcitrus inodora* have been identified by gas chromatog. and mass spectral anal. All except seven had been reported earlier as citrus constituents. Since *M. inodora* is used as a parent for production of new citrus hybrids, this information will be useful to horticulturists, plant breeders and phytochemists.

IT 2111-75-3, Perillaldehyde 36653-82-4, 1-
Hexadecanol
 RL: BOC (Biological occurrence); BSU (Biological study, unclassified);
 BIOL (Biological study); OCCU (Occurrence)
 (volatile constituents in juice and oil of *Microcitrus inodora*)
 REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 7 OF 9 HCPLUS COPYRIGHT 2004 ACS on STN
 ACCESSION NUMBER: 1994:612662 HCPLUS
 DOCUMENT NUMBER: 121:212662
 TITLE: Flavor and fragrance compositions produced using process for quantitatively and qualitatively substantially continuously analyzing the aroma emitted from a living fruit
 INVENTOR(S): Mookherjee, Braja D.; Trenkle, Robert W.; Patel, Subha M.; Brown, Sharon M.
 PATENT ASSIGNEE(S): International Flavors and Fragrances Inc., USA
 SOURCE: U.S., 23 pp. Cont.-in-part of U.S. 5,263,359.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 5
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5321006	A	19940614	US 1993-108794	19930819
PRIORITY APPLN. INFO.:			US 1992-988337	19921209
			US 1993-23960	19930226

AB A process for producing flavor and fragrance compns. comprises of first quant. and qual. analyzing the aroma emitted and rates of emission of the components thereof: (i) from within the pith section and/or the inner wood section; and (ii) the outer bark surface of a living tree, simultaneously, and, optionally from within and from the outer surface of one or more fruits; and then providing at least the major aroma components found in at least one of the analyses and admixing the resulting components to form a fragrance composition and/or a flavor composition. The living tree, for example, may be a Douglas fir, maple, papaya, mahogany, or a nectarine tree. A fragrance formulation contained α -pinene 1.00, β -pinene 4.83, myrcene 21.18, limonene 63.01, thymol Me ether 0.53, and longifolene 1.31 parts by weight

IT 2111-75-3, Perillaldehyde 36653-82-4,

Hexadecanol

RL: BIOL (Biological study)
 (for flavor and fragrance compns., fruit and tree aroma anal.in
 relation to)

L13 ANSWER 8 OF 9 HCPLUS COPYRIGHT 2004 ACS on STN
 ACCESSION NUMBER: 1994:181992 HCPLUS
 DOCUMENT NUMBER: 120:181992
 TITLE: Méthod and apparatus for simultaneously analyzing
 aroma emitted from the interior and exterior of living
 tree and optionally from living fruit
 INVENTOR(S): Mookherjee, Braja D.; Trenkle, Robert W.; Patel, Subha
 M.; Brown, Sharon M.
 PATENT ASSIGNEE(S): International Flavors and Fragrances Inc., USA
 SOURCE: U.S., 16 pp. Cont. -in-part of U.S. Ser. No. 988,337.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 5
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5263359	A	19931123	US 1993-23966	19930226
PRIORITY APPLN. INFO.:			US 1992-988337	19921209

AB A process is described for quant. and qual. substantially continuously analyzing the aroma emitted and the rates of emission of the components thereof: (I) from within the pit section and/or the inner wood section; and (II) the outer bark surface of a living tree, simultaneously, and optionally from within and from the outer surface of one or more fruits borne by the living tree using simultaneously operating aroma trapping devices connected to the outer tree trunk surface and an inner location within the tree and, if desired, connected to the fruit surface and an internal location within the fruit. Also described is apparatus for carrying out such a process. The living tree, for example, may be a living Douglas fir, maple tree, papaya tree, mahogany tree, or nectarine tree. The interior and exterior volatile head space constituents of a mature Douglas fir were analyzed using sampling apparatus containing Tenax headspace traps in glass tubes attached to α -2 vacuum pumps. After 7 h of pumping, the contents of the traps were analyzed by GC-MS anal.

IT 2111-75-3, Perillaldehyde 36653-82-4,

Hexadecanol

RL: ANT (Analyte); ANST (Analytical study)
 (determination of, in interior and exterior of Douglas fir)

L13 ANSWER 9 OF 9 HCPLUS COPYRIGHT 2004 ACS on STN
 ACCESSION NUMBER: 1992:104811 HCPLUS
 DOCUMENT NUMBER: 116:104811
 TITLE: The composition of woodruff volatiles (Galium
 odoratum)
 AUTHOR(S): Woerner, Martin; Schreier, Peter
 CORPORATE SOURCE: Univ. Wuerzburg, Wuerzburg, W-8700, Germany
 SOURCE: Zeitschrift fuer Lebensmittel-Untersuchung und
 -Forschung (1991), 193(4), 317-20
 CODEN: ZLUFAR; ISSN: 0044-3026
 DOCUMENT TYPE: Journal
 LANGUAGE: German
 AB Studies of the composition of an aroma extract of dried woodruff by medium-pressure liquid chromatog. following Soxhlet extraction and chlorophylls removal by gel-permeation chromatog. revealed the presence of 225 substances, 69 of which were alcs., 69 carbonyl compds., 22 hydrocarbons, 20 acids, 19 esters, 14 lactones and 12 other compds. Of the γ -lactones, multi-dimensional gas chromatog. indicated an

Weddington - 10 / 016726

enantiomeric excess of the R-isomer with increasing chain length. Only 1 substance was previously unknown in nature: 7,11,15-trimethyl-2-hexadecanone; it is thus proposed as an anal. indicator for the detection of the illegal use of woodruff aromas in foods.

IT 2111-75-3, Perillaaldehyde 36653-82-4, 1-

Hexadecanol

RL: BOC (Biological occurrence); BSU (Biological study, unclassified); BIOL (Biological study); OCCU (Occurrence)
(of woodruff aroma)

=> sel hit rn
E1 THROUGH E2 ASSIGNED

=> file reg
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STRUCTURE FILE UPDATES: 19 JAN 2004 HIGHEST RN 639450-02-5
DICTIONARY FILE UPDATES: 19 JAN 2004 HIGHEST RN 639450-02-5

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

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Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> s e1-e2
1 2111-75-3/BI
(2111-75-3/RN)
1 36653-82-4/BI
(36653-82-4/RN)
L14 2 (2111-75-3/BI OR 36653-82-4/BI)

=> d ide can l14 tot

L14 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2004 ACS on STN
RN 36653-82-4 REGISTRY
CN 1-Hexadecanol (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1-Cetanol
CN Adol 52
CN Adol 52NF
CN Adol 54
CN Alfol 16
CN Alfol 16RD
CN Atalco C
CN Cachalot C 51
CN Cetaffine
CN Cetal
CN Cetalcos
CN Cetalol CA

CN Cetanol
CN Cetyl alcohol
CN Cetylic alcohol
CN Cetylol
CN CO 1695
CN Conol 1695
CN Crodacol C
CN Crodacol CAS
CN Crodacol CAT
CN Elfacos C
CN Epal 16
CN Ethal
CN Ethol
CN Hexadecanol
CN Hexadecyl alcohol
CN Hyfatol 16
CN Hyfatol 16-85
CN Hyfatol 16-95
CN Kalcohol 60
CN Kalcohol 6098
CN Kalcol 68
CN Lanette 16
CN Lanol C
CN Laurex 16
CN Lorol 24
CN Lorol C 16
CN Loxanol K
CN Loxanol K extra
CN Loxanwax SK
CN n-1-Hexadecanol
CN n-Cetyl alcohol
CN n-Hexadecanol
CN NSC 4194
CN Palmitic alcohol
CN Palmityl alcohol
CN Product 308
CN Siponol CC
CN Siponol Wax A

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for DISPLAY

FS 3D CONCORD
DR 8014-51-5, 8023-37-8, 8032-16-4, 8032-17-5, 8032-89-1, 124-29-8,
55069-45-9

MF C16 H34 O

CI COM

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS,
BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB,
CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM*,
DIOGENES, DIPPR*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT,
ENCOMPPAT2, GMELIN*, HODOC*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA,
MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, PDLCOM*, PIRA, PROMT, RTECS*,
SPECINFO, SYNTHLINE, TOXCENTER, TULSA, USAN, USPAT2, USPATFULL, VTB
(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

HO—(CH₂)₁₅—Me

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

6927 REFERENCES IN FILE CA (1907 TO DATE)
213 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
6938 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 140:48239
REFERENCE 2: 140:47517
REFERENCE 3: 140:47035
REFERENCE 4: 140:46172
REFERENCE 5: 140:43087
REFERENCE 6: 140:41024
REFERENCE 7: 140:31474
REFERENCE 8: 140:28369
REFERENCE 9: 140:20081
REFERENCE 10: 140:19861

L14 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2004 ACS on STN

RN 2111-75-3 REGISTRY
CN 1-Cyclohexene-1-carboxaldehyde, 4-(1-methylethenyl)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1-Cyclohexene-1-carboxaldehyde, 4-isopropenyl- (7CI; 8CI)
CN Perillaldehyde (6CI)

OTHER NAMES:

CN (±)-Perillaldehyde
CN 4-(2-Propenyl)-1-cyclohexenecarboxaldehyde
CN 4-Isopropenyl-1-cyclohexene-1-carboxaldehyde
CN 4-Isopropenyl-1-cyclohexenecarboxaldehyde
CN dl-Perillaldehyde

CN NSC 138642
CN p-Mentha-1,8-dien-7-al
CN Perilla aldehyde

CN Perillal
CN Perillyl aldehyde

FS 3D CONCORD
DR 6611-91-2, 21090-66-4

MF C10 H14 O

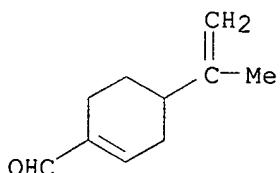
CI COM

LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS,
CHEMINFORMRX, CHEMLIST, CSCHEM, DDFU, DRUGU, EMBASE, HODOC*, IFICDB,
IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, NAPRALERT, PROMT, RTECS*, SPECINFO,
TOXCENTER, USPATFULL

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)



Weddington - 10 / 016726

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

641 REFERENCES IN FILE CA (1907 TO DATE)
7 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
644 REFERENCES IN FILE CAPLUS (1907 TO DATE)
22 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 139:363891
REFERENCE 2: 139:354493
REFERENCE 3: 139:351927
REFERENCE 4: 139:316800
REFERENCE 5: 139:306762
REFERENCE 6: 139:275949
REFERENCE 7: 139:227284
REFERENCE 8: 139:202066
REFERENCE 9: 139:202063
REFERENCE 10: 139:196526